

Rose trial 2017-2019

80 roses have been in the trial for rose registration in Valbyparken, Copenhagen 2017-2019. In Valbyparken no pesticides are used and no irrigation (when it was very dry in 2018 the roses were irrigated twice). The registration has been made with the ADR-standard. To ensure the right use of the ADR standard Thorsten Ufer from Landwirtschaftskammer Schleswig-Holstein, Gartenbauzentrum has participated in the registration once every year.

The weather these 3 years has been very different. 2017 was very rainy, 2018 was extraordinarily warm and sunny with a lack of rainfall, which led to drought. In 2019 the rainfall, temperature and number of sun hours was in between 2017 and 2018. In fact, the drought index was higher in 2019 than in 2018, with the exception and June and July.

Conclusion

Looking at the individual years:

In 2017: 26 rose varieties have fulfilled the ADR standard

In 2018: 45 rose varieties have fulfilled the ADR standard

In 2019: 14 rose varieties have fulfilled the ADR standard

The ADR-standard all three years

Is all three years summarized, only four varieties fulfil the ADR standard.

Rosa 'Flirt'

Rosa 'Rainbow Knock Out'

Rosa 'Bassino'

Rosa 'Westzeit'

Close to fulfil the ADR standard

If the requirement for 'sum of averages' is reduced to 70 more varieties succeed. The varieties fulfil the 'resistance against leaf diseases', but the requirement of the sum of all characteristics is reduced to 70. Overall, they do not differ much from the four varieties that meet the ADR standard.

Rosa 'Louise Bugnet'

Rosa 'Dronning Dorothea'

Rosa 'Pink Flower Circus'

Rosa 'Queen of Sweden'

Rosa 'Olivia Rose Austin'

Rosa 'Pink Paradise'

Rosa 'Camelot'

All these varieties meet all characteristics in 2018. *Rosa 'Dronning Dorothea'* is the only variety, that do not meet both the 'resistance against leaf diseases' and 'sum of averages' in 2019. The point that the varieties does not meet the ADR-standard in 2017 could be that because of the weather and that 2017 was the first year of growing on the site.

Fulfil the ADR standard in 2017 and 2018

As the drought index in 2018 was very high, we have looked in to the results of only 2017 and 2018. However, it should be kept in mind, that the ADR standard is registered three year, as it can take time before the leaf diseases occur.

These varieties meet the 'sum of averages' all three year but 'resistance against leaf diseases' only in 2017 and 2018. Overall, they do not differ much from the four varieties that meet the ADR standard.

Rosa 'Stadt Rom'

Rosa 'Salsa'

Rosa 'Romina'

Rosa 'Vulcano Flower Circus'

Rosa 'Jasmina'

Best varieties of the rose types

Red = fulfil the ADR standard. Black: fulfil the 'resistance against leaf diseases'

Bouquet

Rosa 'Rainbow Knock Out'

Rosa 'Westzeit'

Ground cover rose

Rosa 'Bassino'

Shrub rose

Rosa 'Louise Bugnet'

Rosa 'Queen of Sweden'

English

Rosa 'Olivia Rose Austin'

Patio

Rosa 'Flirt'

Climbing

Rosa 'Camelot'

Big flowering rose

Rosa 'Pink Paradise'

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